

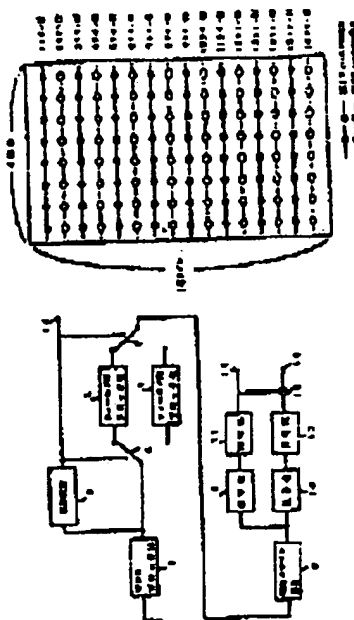
# HIGH EFFICIENCY PICTURE CODER

Patent number: JP3001688  
Publication date: 1991-01-08  
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Classification:  
- International: H04N7/13  
- european:  
Application number: JP19890135370 19890529  
Priority number(s): JP19890135370 19890529

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## Abstract of JP3001688

**PURPOSE:** To improve the coding efficiency and the reduction picture quality in the case of reproduction of a reduced picture by providing a macro block processing means, and inter-field block processing means, an in-field block processing means and a block selection means. **CONSTITUTION:** A picture signal subject to 2:1 interface scanning is inputted from an input terminal 1 and a macro block processing circuit 2 splits the signal into plural macro blocks each comprising 8-picture element X 16-line. Then a moving still deciding circuit 3 decides whether or not a video image in each macro block is moved or at standstill and when it is decided that the picture is at standstill, switches 4, 7 are connected to an inter-field block processing circuit 5. When it is decided that the picture is moving, the switches 4, 7 are connected to in-field block processing circuit 6. Thus, the forming method of the block is switched adoptively in the unit of macro blocks to improve the coding efficiency and when a reduced picture is reproduced, the quality of the reduced picture is improved.



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